AUTHOR INDEX

Abe, Tatsuo, 411
Abe, Toshio, 441
Aida, T., 817
Aikawa, E., 389
Aiso, S., 537
Amenta, F., 189, 637
Anglade, P., 219
Arai, K., 41
Arakaki, N., 427
Araki, N., 19, 601, 805
Arii, T., 93, 127
Asano, G., 817
Ashihara, T., 261
Azevedo, C., 467

Barka, T., 245 Bernstein, H.-G., 203 Biggiogera, M., 831 Brauer, K., 663

Caporali, M.-G., 189 Chen, G., 825 Chiba, S., 93

Ferrante, F., 637 Fujii, S., 647 Fujimoto, K., 487, 781 Fujimori, Takahiro, 401 Fujimoto, Toyoshi, 139, 753, 769 Fujita, K., 113 Fushiki, S., 573

Goto, Y., 487

Hakoi, K., 601 Hanada, R., 389 Handa, Y., 671 Hao, W.-X., 175 Haruna, N., 563 Hasegawa, H., 501, 525 Hayashi, H., 41 Hayashi, Y., 389 He, W., 175 Higashiyama, M., 335 Hirabayashi, Y., 165 Hirano, H., 679 Horio, M., 401 Hosokawa, Y., 261, 573 Ihida, K., 475 Iinuma, K., 41 Imaizumi, M., 441 Imamura, S., 139 Inada, R., 195 Inazawa, J., 411 Inomata, K., 93, 127 Inoue, S., 209 Inui, K., 81 Isetani, K., 261 Iwamasa, T., 65 Iwayama, Y., 427

Johansson, O., 663

Kamegai, A., 209 Kanda, N., 389 Kanda, S., 453 Kato, K., 53 Kato, S., 613 Katsumata, O., 553 Kawabata, T., 53 Kawasaki, Y., 335 Kawata, M., 307 Kim, Y.-C., 237 Kirschke, H., 203 Kitamura, H., 281, 647 Kitamura, T., 375 Kitazawa, S., 401 Koike, H., 769, 753 Koji, T., 327 Kondoh, H., 367 Koyama, E., 353, 453 Kubo, H., 621 Kumamoto, K., 307 Kumar, G.-P., 271 Kumasa, S., 427 Kurisu, K., 427

Laloraya, Malini, 271 Laloraya, Manmohan M., 271 Lee, J.-N., 805 Li, S., 825 Liu, D.-J., 175 Liu, L., 175 Liu, W., 175 Lobo-da-Cunha, A., 467 Lu, D., 825 Luppa, H., 663

Maeda, S., 401 Magari, S., 621 Makita, T., 601 Mares, V., 831 Matsuhisa, A., 113 Matsui, T., 113 Matsutani, S., 227 Mikoshiba, K., 297 Mitsufuji, S., 261 Mizuhira, V., 501, 525 Monden, T., 335, 563 Mori, H., 209, 427 Mori, M., 209, 427 Mori, Takahide, 487 Mori, Takesada, 335, 563 Morimoto, H., 335, 563 Morimoto, Y., 41 Moriyama, Y., 41 Murakoshi, M., 195 Muramatsu, M., 353 Muramatsu, Y., 209 Murata, F., 475 Murotani, M., 335, 563

Naganuma, H., 585 Nagaoka, H., 563 Nagura, H., 441, 585 Nakae, T., 573 Nakamura, M., 647 Nakane, P.-K., 327 Nakano, T., 753, 769 Nakashima, Y., 237 Nakasone, S., 65 Nakata, M., 427 Narimoto, K., 487 Nasu, F., 93, 127 Niglio, T., 189 Niimura, M., 113 Nishimura, Y., 53 Niu, J.-Z., 149 Nivsarkar, M., 271 Noda, Y., 487 Nohno, T., 353 Noji, S., 353, 453 Nomura, T., 453 Notoya, M., 501, 525

Ogawa, Katsuhiko, 237 Ogawa, Kazuo, 19, 139, 487, 753, 769, 781, 793 Ohkuma, S., 41 Ohno, T., 113 Ohnishi, T., 427 Ohshita, T., 65 Ohtani, H., 585 Ojima, A., 671 Oka, N., 671 Okada, S., 81 Okumura, Y., 671 Oliver, C., 31 Otsuki, Y., 621

Pardue, M.-L., 1

Qi, W., 175

Ricci, A., 189, 637 Roskoden, T., 203

Sakagami, T., 165 Sakai, M., 19, 781, 793 Sakamoto, J., 441 Sakuda, H., 65 Sasaki, J., 453 Satonaka, K., 401 Scherini, E., 831 Schober, A., 663 Schober, W., 663 Scotti de Carolis, A., 189 Sekine, R., 553 Shi, Y.-X., 175 Shibutani, T., 427 Shimada, M., 81 Shimada, T., 647 Shimano, T., 335, 563 Shimizu, S., 41 Shiota, C., 297 Shiotani, M., 487 Shiozawa, M., 537 Sugihara, H., 573 Sugimoto, O., 621 Suzuki, R.-M., 195

Takahashi, N., 353 Takakura, K., 487 Takami, T., 671 Takashima, Y., 805 Takasu, K., 237 Takata, K., 679 Takita, K., 647 Tanabe, T.-I., 209 Tanaka, H., 113 Tanaka, T., 781, 793
Tani, T., 261
Taniguchi, S., 353, 453
Taniike, M., 81
Tatematsu, N., 671
Toida, M., 671
Tokita, K., 261
Tokura, T., 487
Tomiyasu, K., 127
Tsuchihashi, Y., 261, 573
Tsuji, S., 219
Tsujimura, T., 427
Tsukada, T., 99
Tsuyama, S., 475

Uchida, Y., 441 Utakoji, T., 389

Wakamatsu, Y., 367 Wakatsuki, Y., 237 Wang, Y., 175 Wang, Z.-Y., 175 Watanabe, F., 671 Watanabe, H., 41 Watanabe, K.-I., 195 Watanabe, Sachihiko, 375 Watanabe, Sadahiro, 453 Wiederanders, B., 203

Xu, Y.-P., 175

Yagami, M., 65 Yagyu, T., 563 Yamaai, T., 353, 453 Yamabe, H., 237 Yamada, H., 817 Yamada, K., 165 Yamamoto, K., 389 Yamamoto, N., 227 Yamano, T., 81 Yamashina, S., 553 Yamashita, S., 149, 537 Yang, S., 825 Yano, S., 53 Yasuda, K., 149, 537 Yokofujita, J., 99 Yoneda, K., 139 Yuri, K., 307

SUBJECT INDEX

Acetylcholine-Like Cation, 219
Acidic Glycoconjugates, 165, 281
Acid Phosphatase, 793
Actin, 453
Adrenal Cortex, 769
Analytical Color Fluorescence Electron
Microscopy, 753, 769
Apoptosis, 831
ATPases, 41
Axons, 663

β-Adrenergic Effects, 245
Band q13.2, 411
Basal Forebrain, 663
Blood Vessels, 621
Bone Morphogenetic Protein, 209
Brain, 203, 297, 375
Bromodeoxyuridine DNA Probes, 401
Bromodeoxyuridine Immunohistochemistry, 261

Ca++-ATPase, 601, 805 Carcinoembryonic Antigen (CEA), 335, 441 Cartilage, 209 Cataractous Rat, 793 Cathepsin L, 203 cDNA Probes, 297 Cell Line, 389 Carbon Tetrachloride-Induced Liver Fibrosis, 817 Cerebellum, 831 Cervical Carcinoma, 113 Cervical Dysplasia, 113 Cholesterol Ester, 769 Chromosome 19, 411 cis-Dichlorodiammine Platinum II, 831 Colorectal Carcinomas, 335 Counterstatin, 679 Cryostat Sections, 573

DAPI, 679
Developing Rat Fundic Gland, 475
Diamine-Thiocarbohydrazide-Silver
Proteinate-Physical Development
Method, 281

Electric Stimulation, 209

Embryonic N-Myc Expression, 367 Endometrium, 487 Enzyme Histocytochemistry, 175 Exocrine Acinar Cells, 19 Extracorporial Perfusion System, 261

Factor XIIIa-Positive Cells, 671 Fallopian Tube, 237 Fluorescein-Phalloidin, 679 Fodrin, 139

GAD, 663
Galanin, 663
Gap Junctions, 781
Gene Expression, 375
Gene Regulation, 245
Genes, 411
Glutathione-Peroxidase, 195
Golgi Complex, 127
Griffonia Simplicifolia Agglutinin-IB₄, 475

Hepatic Fibrosis, 99
Heterophagy, 19
Heterotopic Bone Formation, 427
High Voltage Electron Microscopical
Analysis, 93
High-Voltage Electron Microscopic
Observation, 127
Hippocampus, 189
Homeobox Gene Hox-3.5, 353
Human, 113, 237, 261, 389, 411, 487, 563, 671
Hybridization Histochemistry, 307

Immunofluorescence Microscopic Studies, 679
Immunohistochemistry, 647
Implantation, 271
In Situ Hybridization, 113, 297, 327, 335, 353, 367, 375, 401, 453, 817
Interleukin- 1α , 563
Interleukin- 1β , 563

Keratinocytes, 139 Kidney, 149

Le^a, 441 Le^b, 441 Le^x, 441
Le^y, 441
Lens(es), 781, 793
Limiting Membrane, 601
Liver, 175, 601
Low Calcium Medium, 139
Lymphatics, 621
Lymphatic Endothelium, 613
Lysosomal Activity, 19
Lysosomal Cathepsins, 53
Lysosomal Storage Disease, 65, 81
Lysosomes, 41

Mast Cells, 637 MBP, 297 Men, 825 Meningeal Membranes, 637 Menstrual Cycle, 487 Mesenchymal Cells, 99 Metallic Stainings, 573 Metaplastic Bronchial Mucosa, 441 Mg++-ATPase, 601 Mice, 271 Microwave (MW), 335 Microwave Fixation, 537, 563 Microwave Irradiation, 501, 525, 573 Microwave Stimulated Fixation, 585 Mononuclear Cells, 563 Morphometric Analysis, 781 Mouse, 297 Mouse Development, 353 mRNA(s), 297, 335 Myelin, 297

Neuroblastoma, 389 Neuropeptides, 219 Neuropeptide mRNAs, 307 Nonciliated Bronchiolar Epithelial (Clara) Cells, 453 Nucleotides, 327 5'-Nucleotidase, 613

Oligodeoxynucleotide Probe, 307 Oncogene N-myc, 389 Oncogene Transcripts, 335 Ovary, 271

Pancreas, 805
Papillomavirus 16 and 18 DNA, 113
Perinatal Period, 805
Perinatal Rats, 453
Peroxisomes, 601

Physical Developer, 647
Plasma Membrane, 805
PLP, 297
Postembedding Procedures, 165
Preembedding Immunoelectron
Microscopy, 585
Pregnancy, 271
Proly 4-Hydroxylase mRNAs, 817
Pulmonary Tissues, 671

Quantitative Histochemistry, 189

7-Glutamyl Transpeptidase, 149
Rat, 93, 127, 149, 175, 189, 195, 203, 375, 601, 663, 753, 769, 781, 805, 825, 831
Rectum, 81
Regulatory Factors, 19
Retina, 753
Ruthenium Red, 165

S-100 Protein, 209
Salivary Glands, 245
Semithin Frozen Sections, 679
Skeletal Muscle Fiber Type, 825
Skin, 81
Small Ganglion Cell, 127
Steroidogenesis, 271
Stomach, 195, 261
Substance P, 219
Substantia Gelatinosa, 93
Superoxide Dismutase, 271, 487
Surgical Pathology, 573
Svate-3, 175
Sympathetic Nerves, 637
Synaptic Glomeruli, 93

Thiamine, 127
Timm-Staining, 189
Toxicological Effects, 175
Tubular Lysosomes, 19
Tumor Necrosis Factor, 563
Tumors, 389
Tumor Stromal Tissue, 427
Tungstate, 165
Type IV Procollagn, 817

Uterus, 271

Vasoactive Intestine Polypeptide, 219 Vitamin A Ester, 753 Vitamin B12 R-Binder, 237